

Application No.: 10/026,171
Response dated: March 26, 2004
Reply to Office Action of January 27, 2004

CLAIMS

1. (Previously Amended) A method for preparing a supported catalyst system comprising:
 - (a) heating a composition comprising a metallocene catalyst compound to a temperature of from 75°C to 125°C; and
 - (b) combining the heated composition with a carrier.
2. (Original) The method of claim 1 wherein the carrier is heated.
3. (Original) The method of claim 1 wherein in step (a) the composition is heated to a temperature in the range of from 75°C to 100°C.
4. (Currently Amended) The method of claim 2 wherein the carrier is heated to a temperature in the range of from ~~25~~ 26°C to 150°C.
5. (Currently Amended) The method of claim 1 wherein the metallocene catalyst compound has a solubility less than 20 weight percent of metallocene catalyst compound in toluene at room temperature (25°C).
6. (Previously Amended) A method for making a supported catalyst system comprising:
 - (a) forming a reaction product comprising a metallocene catalyst compound and an activator;
 - (b) heating the reaction product to a temperature of from 60°C to 125°C;
 - (c) introducing a carrier, optionally heating the carrier;
 - (d) combining the heated reaction product with the carrier or optionally the heated carrier.

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7. (Original) The method of claim 6 wherein the reaction product is heated to a temperature in the range from 75°C to 100°C.
8. (Previously Amended) A method for making a supported catalyst system comprising:
 - (a) heating an activated metallocene catalyst product to a temperature of from 60°C to 125°C;
 - (b) heating a carrier; and
 - (c) combining the heated carrier and the heated activated metallocene catalyst.
9. (Previously Amended) The method of claim 8 wherein the activated metallocene catalyst is heated to a temperature of from 75°C to 100°C.
10. (Previously Amended) A method for preparing a supported catalyst system comprising:
 - (a) heating a composition comprising a metallocene catalyst compound to a first temperature, wherein the first temperature is in the range of from 60°C to 110°C;
 - (b) heating a carrier at a second temperature; and
 - (c) combining said metallocene catalyst, and said carrier, at a third temperature.
11. (Original) The method of claim 10 wherein the first, second and third temperatures are the same.
12. (Original) The method of claim 10 wherein the first and second temperatures are the same.
13. (Cancelled)

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14. (Previously Amended) A method for preparing a supported catalyst composition comprising:
 - (a) combining a metallocene catalyst compound and an activator at a temperature in the range of from 60 °C to 125°C; and
 - (b) introducing a carrier.
15. (Original) The method of claim 14 wherein the supported catalyst composition is dried or substantially dried to a free flowing powder composition.
16. (Original) The method of claim 15 wherein the free flowing composition is reslurried in a liquid.
17. (Original) The method of claim 16 wherein the liquid is mineral oil.
18. (Previously Amended) The method of claim 14 wherein the metallocene catalyst compound and activator are combined at a temperature of from 60 °C to 110°C.
19. (Previously Amended) The method of claim 14 wherein the metallocene catalyst compound and activator are combined at a temperature of from 60°C to 100°C.
20. (Previously Amended) The method of claim 14 wherein the metallocene catalyst compound and activator are combined at a temperature of from 75°C to 100°C.
21. (Previously Presented) A method for preparing a supported catalyst composition comprising:
 - a) combining a metallocene catalyst compound and an activator at a temperature in the range of from 60°C to 110°C; and
 - b) introducing a carrier.

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22. (Previously Presented) The method of claim 21, wherein the metallocene catalyst compound and activator are combined at a temperature of from 75°C to 100°C.

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